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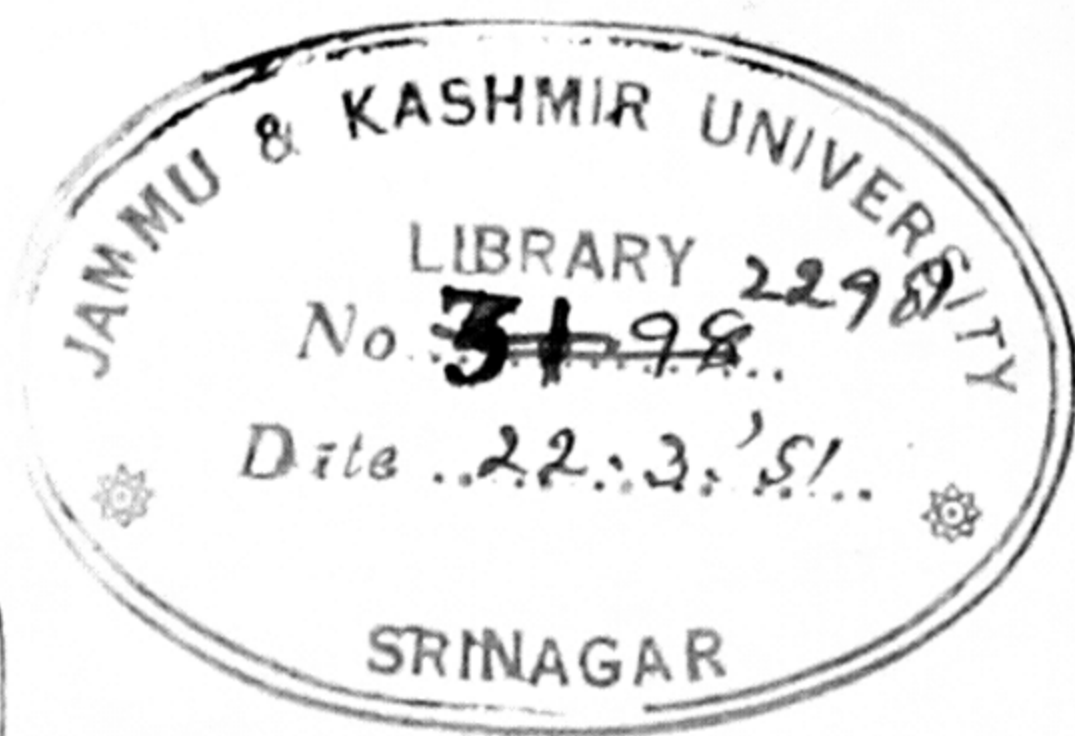
Higher education

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January 1951.

AGRA

Curriculum—The University has again instituted the Faculty of Engineering and the first Examination for the degree will be held in March 1951.

The scheme of Extension Lectures during the session 1950-51 has been revived.

Colleges—17 new colleges were affiliated to the University during the year 1949-50 and the number of colleges affiliated to the University rose to 51 of which 40 colleges are in the United Provinces and 11 in Ajmer-Merwara, C.I. and Gwalior. In 1927, when the University came into existence there were only 14 colleges affiliated to it.

The Agra University is an affiliating University with no teaching Department of its own. Efforts are, however, being made to institute Research Departments in certain subjects in which research is being conducted in the Colleges of the University.

Medium of Instruction—So far the medium of instruction and examination was English for all subjects except in the case of Modern and Classical Indian languages in which there was an option for the use of the language concerned. From July 1950 the teachers have been given the option of teaching through the medium of Hindi. Further, the candidates for the B. A. and B. Com. Examinations will have the option of answering their papers either through the medium of English or Hindi (Devnagri Script).

Sports—Apart from the Annual University Sports in which colleges affiliated to the University take part, the University was unable to send any team to participate in any Inter-University tournaments in 1949-50. It is hoped however that it will be possible to participate in some of the Inter-University tournaments in 1950-51.

National Cadet Corps.—The University officers Training Corps of the Agra University was converted into the National Cadet Corps and N. C. C. Units at present exist at the following colleges of the University :—

- | | |
|---------------------------------|-----------------------------------|
| 1. Agra College, Agra. | 2. St. Johns College, Agra. |
| 3. B. R. College, Agra. | 4. D. A. V. College, Kanpur. |
| 5. V. S. S. D. College, Kanpur. | 6. Christ Church College, Kanpur. |
| 7. Agricultural College, Kanpur | 8. Meerut College, Meerut. |
| 9. Bareilly College, Bareilly. | 10. D. S. College, Aligarh. |
| 11. Darbar College, Rewa. | 12. Govt. College, Ajmer. |

Buildings—To meet the growing needs of the University office a new wing has been constructed at a cost of over Rs. 50,000/-. This wing will accommodate the Examination Section of the University office.

A big hall is also under construction which will cost about 60,000/-. This hall will serve as a meeting room for the Senate and also as an Examination Hall.

ALIGARH

1. The following important amendments in the Ordinances have been made :—

(a) *Sanskrit* :

This was prescribed as an Optional Subject only upto the B. A. Classes. Now according to the amendments sanctioned and approved by the Government of India a full fledged Department of Sanskrit and Hindi has been opened and Sanskrit is now a subject for the M. A. Classes also.

(b) *Hindi* :

Hitherto Hindi was an optional subject for the High School Examination only. But, now, as a result of the new amendments Hindi has been made an optional subject upto the B. A. Classes and also a subject for the M. A. Degree Examination.

(c) According to the Old Ordinances the concession of appearing privately at the Intermediate, B.A., B.Sc., M.A., M.Sc., Examinations was extended to teachers only. The provision has now been so amended that librarians and persons employed in the inspecting line of the Education Department will now be eligible to appear at the above examinations as private candidates.

(d) Facilities have been provided for the University Staff to supplicate for the D. Sc., Degree.

(e) Permission has been granted for holding Supplementary and Compartmental Examinations for the High School, Intermediate, B. A., and B.Sc., (Pass) Examinations.

(f) Teaching of Hindi has been introduced as a special subject for the B. T. Examination.

2. A Department of Geology has been started.

3. *University Union* :

The University Union has been active throughout the year, and has organised a forum for its intellectual and cultural activities. The Union also intends to organise a recreational centre and a social club.

The Union had the honour of a visit from the British Debating Team which after a long time provided contacts with students from outside India. Contacts of this type are stimulating and our young men instead of confining their attention to parochial matters have begun to speculate on questions of international interest.

4. *Games:*

All the games clubs have now been centrally organised, and it is hoped that this will result not only in economy but also in improved standards.

5. The annual Convocation was held in February, 1950, at which Honorary Degrees were conferred on :—

- (1) The Hon'able Pandit Govind Ballabh PantLL. D.
- (2) Dr. A. H. Compton, Chancellor, Washington University D.Sc.,
- (3) Khan Bahadur Sheikh Abdullah LL.D.,
- (4) Khan Bahadur Mohd. Habibullah KhanLL.D.,
- (5) Khan Bahadur Moulvi BashiruddinLL.D.,
- (6) H. E. Ali Asghar Hekmat of Iran LL.D.

The Convocation Address was delivered by the Hon'ble Pandit Govind Ballabh Pant, Chief Minister Uttar Pradesh.

A Special Convocation was held in November, 1950, at which the Degree of LL.D., *Honoris Causa* was conferred on His Excellency Sri H. P. Modi, Governor of Uttar Pradesh.

The 33rd Session of All India Economic Conference was held in the University in December, 1950, and the opening Address was delivered by the Hon'ble Sri Prakasa, Minister of Commerce, Government of India.

There has been a very welcome change in the spirit of our students. They are taking up their duties as citizens of their great country seriously and are anxious to make their contributions to the development of its moral and material resources. The students of Aligarh are now living and pursuing an academic career with a large number of non-Muslims and are evolving the art of good mixing which augurs well for the future.

ALLAHABAD*Staff.*

The University sustained a great loss in the sad and premature deaths of Shri R. C. Choudhury, Reader in Commerce, Shri M. Naimur Rehman, Reader in Arabic and Persian, and Captain J. C. Pande, officiating Reader in Military Science.

Dr. M. G. Zubaid Ahmad was appointed Professor of Arabic and Persian; Dr. H. R. Mehra Professor of Zoology and Dr. P. L. Srivastava temporary professor of Mathematics. Shri L. D. Gupta was appointed Reader in English and Shri Pyare Mohan temporary Reader in Mathematics.

The following permanent appointments were made :—Shri Amba Datt Pant, Lecturer in Politics; Shri S. Masibuzzaman, Lecturer in Urdu; Shri Brij Mohan Singh, Lecturer in Commerce; Shri Ram Krishan Gupta, Lecturer in Law; Shri Damodra Das Khanna, Lecturer in Military Science and Kumari Sati De, Lady Lecturer in English.

Dr. S. P. Varma, Registrar, retired on the 8th of May 1950 and Shri K. L. Govil was appointed in his place.

Scholars

The number of students on March 31, 1950 was 4447 (including 406 lady students) as against 4183 (including 350 lady students) in 1949.

(Note :—These numbers do not include Ex-students and students appearing for Certificate Examinations).

Discipline.

On the whole the discipline of the University students has improved. Except for a hunger strike by a couple of students in sympathy with some of their fellows who had been rusticated for indiscipline, the normal working of the University was not disturbed by any indiscipline on the part of students.

Research.

There were 100 Research Scholars on the rolls. At the last Convocation 26 candidates were admitted to the D. Phil. degree—2 in Hindi, 1 in English, 3 in History, 1 in Sanskrit, 12 in Chemistry, 2 in Botany, 2 in Zoology, 2 in Mathematics and 1 in Economics. One candidate was admitted to the D. Sc. degree in Physics.

New Constructions.

A sum of Rs. 19,81,000/- was collected on the occasion of the Diamond Jubilee Celebrations in December 1947, including a grant of Rs. 10 lakhs from

the Government of India, earmarked for expansion of post-graduate laboratories, and a munificent donation of Rs. 5 lakhs from Sir Padampat Sanghania of Kanpur for the construction of the J. K. Institute of Applied Physics. In addition to this certain sums of money collected in previous years amounting to about Rs. 1,30,000/- were available for the construction of the Banda-Rewa Guest House and Music Department. Further grants amounting to about 5 lakhs were received from the Provincial Government, including a loan of 2 $\frac{1}{2}$ lakhs for the extension of the Diamond Jubilee Hostel, for which they had previously given a grant of 2 lakhs in 1947; and Rs. 1,00,000/- for a new gas plant.

The University Engineer was placed in charge of the Construction work about the end of July 1948. For want of building material no appreciable start could be made by way of construction till October 1948, when the first stage of the programme comprising the following of a total value of about 2 lakhs was commenced and completed by the end of April 1949:—

1. Physics extension.
2. Erection of new gas plant, 8000 cft. capacity.
3. Gas-house and masonry structure for the gas plant
4. Engineering godown.
5. Women's Department compound wall.
6. Women's Department Guest House.
7. Women's Department Sick-room.
8. Sarojini Naidu Hostel extension.

The second stage of the programme comprising the following of the total value of about 7,00,000/- including equipment was commenced in May 1949. The Buildings were completed by July 1950, and it is expected that the equipment may be completed by September or October. Supplies of all categories of material required for laboratory equipment are very short and difficult to obtain:—

1. Botany Donor's Room.
2. Chemistry, Kalakankar Lab.
3. Botany post-graduate extension.
4. Chemistry post-graduate extension.
5. Zoology post-graduate extension.
6. Women's B. Sc. and Anthropology block.

The third stage of the programme of the total value of about Rs. 4,50,000/-, including equipment, comprising the following were commenced in January 1950 and were completed and handed over for occupation in August:—

1. Diamond Jubilee Hostel extension.
2. History Department extension.
3. Darbhanga Hall extension.
4. Women's Hostel extension.
5. Commerce and Statistics block.
6. Physics B. Sc. extension.

The fourth and final stage of the programme comprising the following, of the value of about 2 lakhs of rupees expected to be ready by November 1950.

1. Banda-Rewa Guest House.
2. Music Department.
3. Geography extension.
4. Mathematics extension.
5. Military Science extension.
6. Physics extension, south room.
7. New Water Supply scheme in M. C. C. compound.

All the controlled building material required for the J. K. Institute of Applied Physics was arranged for by the University authorities. The distinguished Donor commenced construction through his own agency in January 1950 and it is expected that the building will be ready for occupation by July 1951.

ANDHRA1. *Election of the Vice-Chancellor :—*

Prof. V. S. Krishna, B. A. (Oxon), Ph. D. (Vienna) was elected by the senate as Vice-Chancellor of the University for a period of three years from 8th December 1949, *vice* Dr. C. R. Reddy resigned.

2. *New Colleges :—*

The following new Colleges were affiliated to the University.

- | | |
|--|--------------------------|
| (a) Sri Subbaraya College, Narasapaopeta, Guntur Dt. | } Second Grade Colleges. |
| (b) The Gudivada College, Gudivada, Krishna Dt. | |

New Oriental College recognised :

Advanced Sanskrit School, Ponnur, Guntur District. Oriental College.

Temporary affiliation in B. Ed. Degree Course of Study was granted to

(1) The M. R. College, Vizianagaram.

(2) The A. C. College, Guntur.

3. The B. Ed. Degree course of study was revised, introducing the teaching of the principle and practice of Basic Education (including pre-basic) as a subject.

4. *Medium of Instruction :—*

The Academic Council at its meeting on 11-3-1950 decided that after the proposed dictionary of Scientific Terminology has been prepared and published under the authority of the Government of India and text-books in Telugu in the several subjects of the Intermediate, Pass and Hons. Degree courses have been published under the auspices of the University, Telugu should take the place of English as the medium of instruction in the University.

5. *Silver Jubilee Celebrations :—*

A committee, with His Excellency the Governor of Madras and Chancellor of the University as patron, has been constituted to make the necessary arrangements for celebrating the Silver Jubilee of the University in December 1951.

6. On the recommendation of the Inter-University Board, it has been decided to consider as eligible for admission to the University Courses of study such candidates as are Indians who evacuated from Burma and who have passed in all other subjects except Burmese at the Matriculation Examination of the Rangoon University.

7. It has been decided (1) to introduce the study of Natural Science subjects in the B. A. Degree courses of study ; (2) to reintroduce the old I. A. Sc. course of study (abolished after bifurcation into I. A. and I. Sc.) in place of I. A., with the same standard as before in the languages but with higher standard approximating to that of the I. Sc. in Science subjects under Part III; (3) to institute I. Tech. Course of study with a view to admitting candidates who have passed the I. Tech. Examination, directly into the Second Year of the Engineering Degree course ; (4) to institute M. L. and D. L. Examinations, the former to come into effect as from the academic year 1950-51 and the latter in due course thereafter ; and (5) to recognise (a) the Nutrition Research Laboratories, Coonoor and (b) the institute of Palaeo Botany, Lucknow, as research centres for submitting theses for the award of the D. Sc. degree.

ANNAMALAI

Legislation :—

1. *Statutes* :—

Statutes were amended reclassifying and revising the scales of pay of teachers of this University as hereunder with effect from the academic year 1950-51. The revised statutes have received the assent of His Excellency the Chancellor.

1. Professor	....	Rs. 400—20—700
2. Associate Professor	....	„ 250—15—400—0—500
3. Lecturers	....	„ 150—10—300
4. Tutors and Demonstrators	....	„ 75—5—125

2. *Regulations* :—

Provision of a transitory Regulation enabling the conduct of an examination in September-October of each year for the benefit of students in Engineering and Technology failing in the final degree examination of April each year, has been made.

3. *Courses of study* :—

Honours courses in Philosophy and Botany have been instituted and the starting of an Honours course in Statistics has been sanctioned by the Academic Council.

It has been decided by the Academic Council to change the nomenclature of the B. Sc. (Tech) degree to B. E. (Chem) in view of the revision of the existing courses of study and syllabuses on the lines of the Institute of Chemical Engineers (Lond).

4. *Publications* :—

The following books were published in Tamil during the year :

1. Practical Chemistry in Tamil
2. Trigonometry in Tamil
3. Algebra in Tamil
4. Porunararruppadai Araichi and Thondaiman Ilanthirayan
5. Thithan
6. Cholar Charitiram Part I.

5. *Research Degrees* :—

During the year six candidates submitted theses for research degrees, 3 for M. Litt. 2 for M. Sc. and 1 for Ph. D. The Syndicate on the unani-

mous reports of the examiners declared two candidates as worthy of and duly qualified for the M. Litt., 1 for the M. Sc. Degree. The reports of the Board of Examiners on the other theses are awaited.

6. *The University Commission :—*

The University Commission appointed by the Government of India visited this University on 22nd March 1949. During their three days' stay here the Commission observed the various classes at work, met the members of the departments of studies and held discussions with them, inspected the Library, Laboratories, Lecture Halls, Hostels, Physical Education Department, Hospital and Dispensary. The report of the Commission has been received and the views of the University on the recommendations contained in it have been forwarded to the Central and provincial Government and the Inter-University Board.

7. *Endowments :—*

Mr. A. Harvey of Harvey Mills, Madura, endowed a sum of Rs. 2,500 for a prize in the name of Mrs. Harvey, which has been accepted by the University. The draft terms for the award are being considered and will be placed before the authorities concerned.

Sri P. N. Rajakrishna Menon, former Lecturer in Zoology of this University endowed a sum of Rs. 620 the interest of which is to be utilised for the award of a prize called "The Manikat Krishna Menon Memorial Prize" annually to the student securing the highest marks in the B. Sc. (Hons) Degree Examination in Zoology.

8. *National Cadet Corps :—*

The Director, National Cadet Corps, New Delhi allotted to this University an Independent Infantry Company (Senior Division) with a strength of 5 Officers and 154 Cadets and a Signal Unit (Senior Division) with a strength of 2 Officers and 60 cadets.

The Unit started functioning in July 1949 with Capt. M. L. Kunthe as the Officer Commanding. The N. C. C. Cadets evinced a keen interest in the training given and daily parades were conducted. The N. C. C. Cadets presented a Guard of honour to His Excellency the Governor of Madras on the occasion of the Annual Convocation of the University held on 2nd December 1949.

9. *Military Education :—*

On the suggestion of the Government of India, the desirability of including 'Military Education' as one of the subjects of study in the University curriculum, the following recommendation of the joint Faculties has been accepted by the Syndicate and further action will be taken on receipt of the opinion of the Inter-University Board :

'That Military Education may be offered as a fourth subject under Part III of the Intermediate course along with the three subjects now included in that part and in assessing the attainments of the candidates at the public examinations, the marks in any three of the four subjects thus constituting the III part, in which the candidate has secured a higher percentage of marks shall be taken into consideration.'

Details regarding the course of instruction and scheme of examination will be worked out shortly.

(10) *Adult Education :*

During the last five years the University was conducting a Chitrai School for adults. At the suggestion of the Vice-Chancellor this School was converted into one for imparting cultural training to school teachers who are really to approach the masses. Thanks to the Department of Public Instruction, Madras, and the assistance of Sri A. G. Vilva Roy, its Adult Education officer, the Chitrai School of Adult Education of Teachers was organised. It was inaugurated on the 8th of May '50. The University provided instruction and lodging free, the mess charges alone being met by the students. 40 students were on the rolls, of whom 4 were women. Instruction was given in the following subjects by various lecturers of the University: History, Politics, Economics, Civics, Ethics, Geography, Tamil and Kural, Hygiene, Agricultural Engineering, Folk Songs and Everyday Science. Training in First Aid was given by the staff of the St. John's Ambulance Association.

The teachers were taken on an excursion to Vadalur and Aziznagar. Educational films were also exhibited and they evinced great appreciation. The session closed on the 30th May '50.

BOMBAY*New Developments in the University :*

In view of the emergence of regional Universities the jurisdiction of the Bombay University will now be limited to Bombay City and its suburbs. The Bombay Government have appointed a committee under the Chairmanship of the Hon. Mr. Justice N. H. Bhagwati, Vice-Chancellor of this University, to make recommendations regarding the future structure and functions of this University.

New Courses of Study :

The courses of study for the M. Com. degree examination of this University have been revised. Under the new Regulations, the examination can be taken either purely by examination or purely by research. Under the old Regulations the examination was partly by papers and partly by thesis.

From the beginning of the current academic year, provision has been made in the University School of Economics and Sociology for the teaching of a new course of study in Politics for the M. A. degree and students can now offer entire Politics for this degree.

The Ordinances and Regulations relating to the M. D. and M. S. degrees of this University have been revised. The M. D. degree can now be taken in any one of the following six branches :—

- I. Medicine and Therapeutics
- II. Pathology and Bacteriology
- III. Obstetrics, Gynaecology and Diseases of Infancy
- IV. Pharmacology
- V. Pediatrics
- VI. Tuberculosis.

The M. S. degree can be taken in any one of the following four branches :

- I. General surgery
- II. Oto-rhino-laryngology
- III. Orthopaedics
- IV. Ophthalmology

In view of this revision in the M. D. and M. S. regulations, the registration for the following diploma courses has been stopped :

- I. Diploma in Pediatrics
- II. Diploma in Tubercular Diseases
- III. Diploma in Ophthalmology
- IV. Diploma in Laryngology and Otology

Scheme of Tutorials and Seminars :

The Syndicate have introduced a scheme of tutorials and seminars in this University for B. A. students. The object of the scheme is to bring about an intimate contact between the teachers and students and a general development of thought on subjects of study.

University Departments :

University School of Economics and Sociology :—The University School of Economics and Sociology is at present engaged on several research projects. Economics Department's scheme for research on "Economic Consequences of Partition" is completed and the material for publication has been sent to the press. Besides, the department is at present conducting two surveys : one a socio-economic survey of Prohibition in rural areas on behalf of the Government of Bombay and the other an economic survey of Saurashtra on behalf of the Government of Saurashtra. The Agricultural Economics Section completed inquiry into the obstacles in the Grow More Food Campaign and a general report summarising the results for publication has been prepared. The Politics Department undertook a fact finding inquiry into the personnel of Governments at the centre as well as in the States, on the basis of a questionnaire specially prepared for the purpose.

University Department of Chemical Technology :—The Ministry of Education, Government of India, offered a capital grant of Rs. 950,000 for building and equipment and an annual recurring grant of Rs. 100,000 and interest free loan of Rs. 2,29,000 for the purposes of expansion of the University Department of Chemical Technology. The Government of India Scheme of expansion comprises three parts :

- I. Increase in the number of admissions in the sections of Textile Chemistry ; Technology of Oils, Fats and Waxes ; Technology of Plastics ; Technology of Pigments, Paints and Varnishes.
- II. Increase in the number of research students in M. Sc. (Tech.) and Ph. D.
- III. Admission of 20 students annually for the proposed four year course in Chemical Engineering following the Intermediate Science Examinations.

Items I and II of the Scheme were implemented during the year while item No. III will be implemented later when the relevant Regulations and Ordinances relating to the degree in Chemical Engineering have been passed by the University authorities.

During the last year 30 research papers were published by members of the staff of the Department.

Sports: During the year under report, the University conducted Inter-Collegiate Tournaments for the Bombay Group in the following games :

Table Tennis	Boxing
Badminton	Wrestling
Football	Hockey
Swimming	Volley Ball
Cricket	Hu-tu-tu
Tennis	Tenni-Koit

Athletics

The Senate sanctioned a grant of Rs. 16,000 to meet the expenses of conducting the above Tournaments in all the Groups as well as for the Annual Inter-Group Tournaments.

Inter-University Tournaments:—The Senate sanctioned a grant of Rs. 9,000/- to enable the University to participate in a few of the Inter-University Tournaments. During the year 1949-50 the University participated in the following Inter-University Tournaments :

Cricket
Swimming
Badminton
Athletics
Hockey
Tennis

The Bombay University won the Championship in Cricket for the seventh year in succession, in Swimming for the second year in succession as well as the Tennis Championship. In Hockey and Badminton the University team lost in the finals.

Foreign Universities Information Bureau :

During the year under report the Foreign Universities Information Bureau of this University secured admissions for 303 students of this University to Universities in U. K. and U. S. A. and other foreign countries. In all about 500 volumes in the form of prospectuses and books, bulletins and calendars of various foreign universities and other educational institutions were added to the Bureau's Library during the year under review. The section in respect of the U. S. A. is now up-to-date.

Visits of Professors from foreign Universities :

Dr. Eduard Lindeman of the New York School of Social Work, Columbia University, visited this University in October, 1949, and delivered a lecture on "Strength and Weakness in American Culture"

Dr. Mrs. Ruth Cadwell Wright, Dean of the Students at the City College, Business and Civic Administration, New York, paid a visit to this University. Her main object in visiting the Colleges and Institutions was to meet representative students and ascertain their views regarding opportunities that are available to them in the present position of India as an Independent Sovereign Republic with a democratic constitution. She gave a few talks to students about conditions obtaining in America. Before she left, she said that she was very much impressed by the awareness of Indian students, and that she had received a most cordial welcome from every institution and place she visited and would take back to the United States very pleasant memories of her visit to India.

Cadet Corps :

There are three Battalions (Infantry Units) of the Senior Division of the N. C. C. attached to this University—two allotted to the colleges in Bombay and one to the colleges in Gujarat. The following other units of the N. C. C. are also attached to this University :—

6th Engineering Platoon
2nd Bombay Battery
1st Bombay Medical Unit
1st Bombay Air Squadron
7th Bombay Battery

Bombay Colleges

Gujarat Colleges

CALCUTTA

During the period under review Prof. P. N. Banerjee, M.A., LL.B., D. Litt., Ph.D., Barrister-at-law, Vidyavachaspati, resigned his appointment as Vice-Chancellor (September, 1949) and the Hon'ble Sri Charuchandra Biswas, M.A., LL.B., was appointed in his place. The latter also resigned his Vice-Chancellorship in May, 1950, on his appointment as a Minister of the Central Government, and the present Vice-Chancellor, the Hon'ble Sri Sambhunath Banerjee, M.Sc., LL.B., Barrister-at-law, joined the University.

New Developments. New courses of study upto the Master's degree have been opened in Radio-physics and Electronics. I.Sc. classes in Agriculture were started last year in the newly established Agricultural College at Jhargram and steps are being taken for starting B. Sc. classes in Agriculture this year. A Diploma course in Journalism has been opened this year. Candidates for the Matriculation, Intermediate and B. A. examinations are now allowed to write their answers in their vernaculars if they choose.

The year was particularly noted for the research activities in almost all the departments of Arts and Sciences. Full particulars in this connection cannot be given for want of space.

Visitors, Special Lecturers, etc. The University was fortunate in having the following eminent scholars, among others, as visitors during the year :—

Mr. Hugh Griffiths, a past President of the Institution of Chemical Engineers, London.

Prof. F. E. Zeuner of the Institute of Archaeology, University of London. He was appointed a special University Reader to deliver a course of lectures.

Prof. S. Mathai, M. A. (Oxon), Secretary, Inter-University Board. He delivered a lecture on "English Literature in Indian Universities" as an Extension Lecturer.

Prof. R. Henkl, M. A., a scholar, Author and Poet of outstanding distinction. He was invited to deliver a course of three extensive lectures on "Comparative Literature".

Prof. George Morgen Stierne of Oslo University, Prof. Syed Naeigy of Tehran, Dr. J. C. Kumarappa, President, All India Village Industries Association and Chairman of the Agrarian Reform Committee.

An exhibition of Buddhist Art was organised by the Asutosh Museum in the Senate Hall, displaying 350 items of exhibits. It was visited by such

eminent persons as Pandit Jawaharlal Nehru, Dr. Syamaprasad Mookerjee, H.E. Dr. K. N. Katju, Governor of West Bengal, the Education Minister of Ceylon and others.

The activities of the N. C. C. and the Athletic Association of the University went on as usual.

Important additions to University Buildings:—

1. The construction of the Institute of Nuclear Physics, a three storied building has been completed.

2. The construction of the following buildings is in progress and they are expected to be completed within the current year.

(a) Institute of Radio Physics and Electronics (two storied)

(b) Extension of the Applied Chemistry Building.

(c) Extension of the Applied Physics Laboratory Building.

The N.C.C. in West Bengal comprises of the undermentioned units :—

<i>Name of unit</i>	<i>College</i>	<i>Strength of NCC</i>	
		<i>Officer</i>	<i>Cadet.</i>
6 Bengal Bn NCC	Presidency College	....	55
4 Bengal Engr P1 NCC	B.E. College	...	39
8 Bengal Engr P1 NCC	College of Engr. and Tech.	2	59
3 Bengal Sig Sec NCC	College of Engr. and Tech.	2	60
1 Bengal Bn NCC	Narsing Dutt City University Scottish Church Vidyasagar St. Pauls Presidency	13	582
2 Bengal Bn NCC	Bangabasi St. Xaviers Surendra Nath Asutosh Central Charu Chandra	12	577
3 Bengal Bn NCC	Hooghly Muhsin Serampore	2	238

<i>Name of unit</i>	<i>College</i>	<i>Strength of NCC</i>	
		<i>Officer</i>	<i>Cadet</i>
4 Bengal Bn NCC	Bishwa Bharati in Santiniketan. Krishna Nath College in Berhampur (W. B.)	5	155
3 Bengal Med Coy NCC	R. G. Kar Medical College.	....	58
4 Bengal Med Coy NCC	Medical College Calcutta	2	55
4 Bengal EME Sec NCC	Bengal Engr. College, Sibpur, Howrah.	2	59
Darjeeling Indep Coy NCC	Govt College, Darjeeling. St. Joseph's College.	3	47

Beside the above units there is a Girls Troop in Lady Braborne College with a strength of 3 NCC officers and 90 cadets.

2 Bengal Armd Sqn NCC and 2 Bengal Air Sqn NCC are being started this year.

The annual camps for units were held during the puja holidays.

Cadets took part in the Republic Day and Independence day parades.

The total strength of NCC officers and cadets is 43 and 1984 respectively.

CEYLON

The principal change in the past year has been the institution of a Faculty of Engineering. Engineering was taught for the external degrees of the University of London at the Ceylon Technical College, which is controlled by the Government of Ceylon. At the end of last session the Cabinet agreed to provide funds for the erection of a Faculty of Engineering at Peradeniya. Thereupon the Ministry of Education asked whether the University would be prepared to assume responsibility for the engineering courses at the Technical College pending the removal to Peradeniya. The University agreed on condition that a sufficient increase was made in the University grant. The grant has in fact increased from Rs. 4,000,000 in 1949-50 to Rs. 4,600,000 in 1950-51, but only part of the increase is attributable to the Faculty of Engineering.

The University has taken over all the students following engineering courses at the Technical College; but, since a Ceylon degree cannot be awarded except to a student who has been in residence for three years, arrangements have been made for the holding of the London Examinations in 1951 and 1952, with a hang-over for failed candidates in 1953. The number of students will, however, be reduced by a severe restriction on admissions. Only 19 students were accepted this year for the first-year course.

Admissions :—

The University Entrance Examination, which is also the Government's Higher School Certificate Examination, has been converted into the Preliminary Examination in order that certificates may be awarded in individual subjects at a level corresponding with the "advanced level" of the new General Certificate of Education in the United Kingdom. It is still treated as a selection test for admission to the University, but no student is now admitted unless he is approved by a board of selection. Numbers have been fixed in all Faculties; on the basis of the Preliminary Examination results, about 50 per cent more are summoned for interview, and candidates for admission are selected according to their apparent suitability for the course which they propose to follow. This year about 1700 candidates sat for the Preliminary Examination, about 600 were summoned for interview and 439 were accepted for admission. Analysis of the entrants shows that 201 were under 20 and 238 were 20 and over. The effect of these severe limitations, with a rising demand for university education, is that both the standard of admission and the maturity of the students are rising rapidly.

The total number of students on residence on the 1st July 1950 was 2033, compared with 1844 in 1949. Of these 381 were women. The sex-ratio has been falling steadily, and there are now 4.2 men to one woman. The distribution among Faculties is as follows :—

Arts	705
Law	38

Science	229
Agriculture	21
Medicine	608
Dental Surgery	35
Vet. Science	10
Engineering	205
Graduates	87
	<hr/>
	2033
	<hr/>

Staff:—

The principal staff changes have been due to the creation of the Faculty of Engineering. The Chair of Civil Engineering had already been filled and a new Chair of Electrical Engineering has been created and filled. Though a Chair in Mechanical Engineering was created, no suitable candidate was found. Four Lectureships in Civil Engineering and one Lectureship in Mechanical Engineering have been filled, but two Lectureships in Electrical Engineering remain unfilled. Several Assistant Lectureships have been filled.

In other Faculties the changes have been due mainly to up-grading. Three Lecturers have been promoted Readers and three Assistant Lecturers have been promoted to Lectureships. Other promotions are pending.

Dr. C. H. McFadden, Professor of Geography in the University of California at Los Angeles, has been appointed Visiting Professor of Geography for the session 1950-51. Mr. K. B. Mather, who was formerly Lecturer in Physics in the University of Adelaide and who has since spent four years on advanced research into Nuclear Physics in the United States and England, has been appointed Visiting Lecturer in Physics for the year 1950-51. His services will be specially useful in connection with the new Cosmic Ray apparatus, which has just been installed, and which is a duplicate of the apparatus installed at the University of Manchester.

Student Welfare and Activities:—

Psychological tests were made part of the compulsory medical examination this year, but they are at present being used only for purposes of research, since we do not feel that suitable tests have yet been devised to enable conclusions of any great value to be drawn. The results are being collated with a view to publication.

On the Sports side our strongest team last year was in Athletics. The relay teams were particularly good and broke all the Ceylon records both in metres and in yards. The relay teams may not be quite so good this year because, though they retained the Schokman Cup, they won only one of the three events. The University came second to the Ace Athletic Team in the

Amateur Athletic Association Sports, as last year, but seemed to lack training. It is, however, rather stronger in field events than last year.

The University Swimming team, which came second to Bombay last year, seems to be equally good this year, but its strength is somewhat indeterminate since most of the members swim for the Otter Swimming Club. The Cricket team is doing well in local matches and may prove to be a strong batting side. The Hockey team has shown much improvement and is undefeated in local matches, but since the Ceylon standard is lower than the Indian this gives no indication of its prospects in the Inter-University contest. There is much keenness over Boxing, the event which is being held in Colombo this year, but there is at present more enthusiasm than science. A very strong Rugby Football side could have been fielded this year, but unfortunately the season is almost ended when the University goes into residence.

Buildings and Equipment:—

Rapid progress is now being made in Peradeniya. Arunachalam Hall is complete and in occupation. Jayatilaka Hall and Marrs Hall have been roofed and are nearing completion. The steel-work of Hilda Obeyesekera Hall, Chancellor's Hall, and Ramanathan Hall has been erected and the brick-work is in progress. The foundations of Peiris Hall and Fernando Hall have been laid. The roofing of the Arts Block has begun and the foundations of the Administration Block have been laid. The Faculty of Law is expected to shift in 1951, the Faculty of Arts in 1952 and the Faculties of Science and Engineering in 1954. From the point of view of expenditure 1950-51 will be the heaviest year, and Parliament has voted Rs. 20,000,000.

A new Administration Block is to be erected in the Faculty of Medicine, which will remain in Colombo, and a first vote of Rs. 300,000 has been passed by Parliament. The University grant also contains Rs. 100,000 as a first instalment for a Hall of Residence. The new Biology laboratories in Colombo are in occupation, though the Botany section is not quite complete.

The University Press has now been installed, but additional equipment has been ordered to enable books to be published. A revolving Press Fund of Rs. 100,000 has been provided and the Publication Fund, which stands at Rs. 80,000 is being increased.

Finance:—

The accounts for 1949-50 are not complete, but it seems likely that there will be a surplus. The year 1948-49 ended with a surplus of Rs. 277,000, which was placed to reserve. The reserves and endowments amounted to approximately Rs. 2,750,000, of which over Rs. 2,000,000 was in Government securities. Another Rs. 250,000 was vested in trustees for University purposes. These figures excluded the Provident and Mutual Funds held on behalf of the staff: they account for another Rs. 760,000.

DELHI

An important event of the year was the resignation of Sir Maurice Gwyer from his office as Vice-Chancellor of the University in April 1950. Sir Maurice had been Vice-Chancellor since December 1938, and during this period of about 12 years, the University had made rapid strides of development in various directions. In recognition of his eminent attainments as an Educationist and Jurist and of the valuable services rendered to the cause of education in India in general and to the University of Delhi in particular, the Degree of Doctor of Letters *honoris causa* was conferred upon Sir Maurice Gwyer on the 16th April, 1950, at a special convocation presided over by Dr. Rajendra Prasad, Chancellor of the University.

Pending the appointment of a Vice-Chancellor, Dr. S. N. Sen, Professor of History in the University, was appointed Rector. Later, he was appointed as a full-time paid Vice-Chancellor with effect from the 15th July, 1950. This was the first appointment of a whole-time paid Vice-Chancellor in this University.

During the past year, the following courses of study have been introduced :—

- (1) A two-year M. Sc. Course in Botany.
- (2) A three-year B. Sc. (Hons) course in Home Science. The Home Science course includes the following subjects of study :—

Qualifying Subjects : Physics, Chemistry, Biology, Modern Indian Language or World History and English.

Main Subjects : Housewifery, Household Biology, Physiology, Anatomy, Hygiene, Elements of Economics, Cookery, Laundry work, Needlework, Household Physics, Household Chemistry.

- (3) The Lady Hardinge Medical College, which was previously affiliated to the Punjab University, Solan, was recognised during the year. The M. B., B. S. Examinations were for the first time conducted by this University in May, 1950. The Courses of Study prescribed by the Punjab University have, for the time being, been adopted by this University. The Course extends over a period of five years and comprises the following examinations :—

- 1st Professional Examination
- 2nd Professional Examination
- 3rd Professional Examination, and
- Final Professional Examination.

The number of students on the rolls of the University during the year 1949 was 4522.

The University had passed a rule regarding the minimum age for admission to the University some years back, and the rule was given effect to from the current academic session. The minimum age for admission to the University, i. e., the First Year of the Degree Course, is the completion of the age of 16 before the 1st October of the year in which the candidate seeks admission.

The question of the medium of instruction in the University and of making Hindi a compulsory subject for all students is engaging the attention of the authorities.

The institution of language examinations for Modern Indian Languages and classical Languages is also under consideration.

The University has a Department of Russian and Courses for Certificate of Proficiency and Diploma in Russian are provided. The Department has recently instituted a Translation Service which has been greatly appreciated.

The buildings for the Central Institute of Education have been nearly completed and the Institute has already occupied its new premises in the University area.

The building for the Tuberculosis Institute is nearing completion.

The University organized a series of extension lectures, details of which are given below :—

<i>Name</i>	<i>Subject</i>	<i>Date</i>
1. Mr. M. N. Roy	The Crisis of our times.	25-2-49
2. Mr. N. N. Chowdhury, Delhi University.	Sanskrit—The Great Heritage of India (delivered in Sanskrit)	2-3-49
3. Mr. Hadi Hasan, Muslim University, Aligarh.	Pearls of Speech	11-3-49
4. Mrs. C. R. Mangat Rai.	How to look at Muslim Arch- itecture, with illustrations from Delhi.	19-3-49
5. Swami Nikhilanand, Head of the New York Centre of Ramakrishna Mission	The Spirit of Hinduism.	26-3-49
6. Dr. Eddy Asirvatham, Professor of International Relations, Boston Uni- versity.	American Foreign Policy in Postwar years.	11-8-49
7. do	Present domestic issues in the USA and how they are tackled.	12-8-49

	<i>Name</i>	<i>Subject</i>	<i>Date</i>
8.	Dr. Raymond Miller, Consultant to the Food and Agriculture Organisation of the U. N. O.	Co-operation as a method of business enterprise.	19-10-49
9.	Dr. Carsun Chang	Chinese Philosophy	12-11-49
10.	Dr. Hadi Hasan, Muslim University, Aligarh.	The story of the ass and the falcon.	6-12-49.
11.	Mr. M. N. Roy	The Cultural Heritage of India	10-12-49
12.	Dr. Hadi Hasan, Muslim University, Aligarh.	Persia's contribution to Arts and Culture (delivered in Persian)	10-12-49
13.	Professor Eduard Lindemann, Columbia University.	The Strength and Weakness in American Culture.	12-12-49
14.	Miss Vera Brittain	The place of authors in modern civilisation.	20-12-49
15.	Mr. Mordecai Johnson, President, Howard University, Washington.	University Education in America	3-1-50
16.	Dr. T. K. M. Trivikram	Art—a force centre of national efficiency	30-1-50
17.	Professor Emil Brunner, Zurich University.	The problems of Social Justice	20-2-50
18.	Mrs. Hilda Raj, Delhi University.	Pottery and its cultural value.	6-3-1950

GAUHATI

Teaching Departments :

Post-graduate classes in Education have been started with effect from the session 1950-51. Students of these classes will be permitted to attend also the B. T. classes which are held in the evening.

M. Com. classes are being held in the evening from the commencement of the session 1950-51.

B. Sc. Pass and Honours classes have been started in Geology with effect from the session 1950-51. Four seats in Geology have been allotted to students who have Chemistry as one of their subjects.

Visiting Professors :

The Visiting Professors Scheme was put into operation during the year under report.

Dr. S. K. Muranjan, M. A., D. Sc. (Econ) (Lond), Principal, Sydenham College of Commerce and Economics and Dr. M. V. Moorthy, Head of the Department of Industrial Relations and Personnel Management, Tata Institute of Social Sciences, Bombay were invited to deliver a course of lectures to the students of the University classes on selected topics relating to Economics and Labour Problems.

Dr. S. K. Muranjan delivered a series of lectures on the undernoted topics between 20th April and 5th May, 1950.

Capital Investment Problems

Inflation

Food Problems

Economic Consequences of Partition

Present Tendencies in International Trade, Havana Charter, Bilateralism, Multilateralism, etc.

Devaluation and after

Problem of Monetary Theory

India's Population Problems

Economic Planning

Investment of Foreign Capital in India

Exchange Control

India and the Sterling Bloc

Central Banking Policy

Nationalisation of Reserve Bank

Present and future of Joint Stock Banking in India

Recent Bank Failures in India

Indo-Pakistan Agreement

Dr. M. V. Moorthy delivered the following lectures on Labour Economics between 3rd and 19th July, 1950.

Field and scope of Labour Economics
 Brief history of human labour
 Status and condition of labour in various forms of economy
 Trade Unionism : history, structure and functions
 Advance of Science and Industrial Revolution
 Division of Labour
 Wage theories and wage determination
 Factory Legislation
 Indian Factories Act
 Indian Labour Markets
 Standards of living and the workers
 Industrial Health in India
 Wage-Price relations and the workers
 Wage differentials in India and abroad
 Labour Welfare
 Labour's Social Insurance
 Women and child labour in India
 Regulation of wages
 Profit sharing
 State and Labour

Courses and Studies :

(i) *Diploma Course in Secretarial Practice.*

The Diploma Course in Secretarial Practice has been reorganised and students who pass the Diploma Examination in Secretarial Practice will be allowed to join the B. Com. course.

(ii) The syllabus for the I. Sc. Examination in Agriculture has been revised.

(iii) The syllabus for the B. Sc. Examination in Agriculture has been finalised by the Inspection Committee appointed to report on the working of the Assam Agricultural College.

Affiliated Colleges :

(i) The Assam Agricultural College has been granted affiliation for the B.Sc. course in Agriculture with effect from the session 1950-51 for two years in the first instance as recommended by the Inspection Committee consisting of Dr. B.R. Mundkur, Plant Protection Adviser to the Government of India ; Dr. R. P. Asthana, M. Sc., Ph. D., D I.C., Principal, College of Agriculture, Nagpur, and Dr. M.D. Patel, Director, Institute of Agriculture, Anand.

- (ii) The Assam Medical College has been granted affiliation for the Final M. B. Course with effect from the session 1949-50 as recommended by the Inspection Committee consisting of Sir A. Lakshmanaswami Mudaliar, Vice-Chancellor, Madras University and Dr. L. M. Banerji, Dean of the Faculty of Medicine, Calcutta University.

National Cadet Corps Scheme :

The University has introduced Military Education as an additional subject to be offered by Senior Division N. C. C. cadets for the Intermediate Examination in Arts, Science and Commerce. The training undergone by the cadets under the N. C. C. scheme will cover the course and the Examination will be held by the Army authorities from 1951.

MADRAS.

Constituent and Affiliated Institutions :

This year the following two second grade colleges and five training colleges were newly affiliated.

Sir Theagaraya College, Washermanpet, Madras

Pachaiyappa's College, Conjeevaram

Sri Ramakrishna Mission Vidyalaya Training College, Coimbatore District.

Dr. Alagappa Chettiyar Training College, Karaikudi

Government Training College, Mangalore ;

St. Xavier's Training College, Palayamcottai ;

and Government Training College, Palghat.

Permission was given to some of the existing colleges, where facilities were available, to admit more students. A number of colleges were allowed to open new groups and branches of studies. Honours course in Psychology was started on an inter-collegiate-university co-operation basis in Presidency College, Madras and the Madras Christian College, Tambaram.

Courses of studies : Degrees in Indian Medicine—Bachelor of Indian Medicine (B. I. M.) and in Dentistry—Bachelor of Dental Surgery (B. D. S.) were newly instituted. The nomenclature of the Degree in Pharmacy was changed from B. Sc. (Pharm.) to B. Pharm. and the duration of the course extended from two to three years. The B. T. Degree course in teaching was revised, laying greater emphasis on practical training. The Certificate course in Librarianship (three months' course) was revived. Courses for M. Sc. by examination in Mathematics, and Physical and Organic Chemistry were started in October 1949 by the University, with the co-operation of the Constituent Colleges. The first batch of students took their examination in October 1950. Admissions to these courses are restricted to Honours Graduates and Post-Graduates of this University.

Research Departments : With the further grant of two lakhs from the Central Government made in March 1950 and an additional block grant from the State Government, it was possible to expand the activities of Research Departments and additional posts have been created in the Departments of Chemistry including Biochemistry, Zoology, Botany, Mathematics including Statistics, Psychology, Geography and Technology. It will now be possible to extend the scope of research in these departments and to train a larger number of research students than in the past. Appointments to these posts are now being made. It is also proposed to institute a Department of Hindi.

As the grant now sanctioned by the State Government is however found insufficient to give effect to the proposal, a further application has been made for an additional grant.

Six senior and nine junior scholarships have been provided by the Central Government, for a period of three years, for advanced research in science and allied departments. Seven industrial training stipends for practical training have also been awarded by the centre to the students of the Alagappa Chettiar College of Technology who have qualified for the B. Sc. (Tech.) degree in the year 1949-50.

The Diploma and Certificate courses were conducted as usual in the Research Departments. The Diploma Course in Geography is not now conducted in view of the opening of Honours courses in Geography.

Dr. C. P. Gnanamuthu, Reader in Zoology; Dr. George Kuriyan, Reader in Geography and Dr. Md. Hussain Nainar, Reader in Arabic, Persian and Urdu were promoted Professors during the year. Sri G. S. Ladda, B. Sc. (Tech.), M. S. Ch. E., Ph. D. and Sri B. C. Mohanty, M. Sc. were appointed Readers in Chemical Engineering and Textile Technology respectively. Dr. T. M. P. Mahadevan, Lecturer in Philosophy, was promoted to the grade of Reader.

Buildings: The main building of the Alagappa Chettiyar College of Technology was completed and declared open early in the year. Construction of the buildings for the Textile Technology and Chemistry Departments will be taken up shortly. The Examination Hall has been handed back by the Military Authorities and the Departments of Geography and Psychology are now housed in a part of this building.

National Cadet Corps. (N. C. C.): The Corps now consists of the 1st Madras Battalion, Madras; the 2nd Madras Battalion, Tiruchirapalli; the 3rd Madras Engineering Platoon, College of Engineering, Madras; the 2nd Madras E. M. E. Section, College of Engineering, Madras and the 6th Madras Medical Company, Madras Medical College, Madras. The sanctioned strength of the Corps is 46 Officers and 1428 Cadets. Sanction has been granted for the raising of an Artillery unit of two officers and 60 cadets at Palghat. Fresh Cadets are being recruited.

Convocation. The convocation was held on the 18th and 19th August. On the first day the Chancellor—H. E. the Governor of Madras—presided. The Pro-Chancellor—the Education Minister—presided on the second day. Sri S. Govindarajulu Naidu, B. A., B. L., LL.B., Barrister-at-law, Principal, Law College, Madras delivered the Convocation address. 5537 graduates were awarded degrees in the several Faculties this year. It may be mentioned that

the first batch of candidates for the B. Sc. (Nursing) Degree took their degrees this year. The first set of candidates qualified for the Diploma in Physical Education this year.

Tournaments. The University participated in the Inter-University Tournaments in most of the events last year. The University also conducted the Football tournament and the South Zone Cricket tournament. The University Basket Ball team were winners in the South Zone but lost to East Punjab in the Finals. Locally, Inter-collegiate tournaments were conducted on a zonal basis.

Publications : For the duration of the war and for some time thereafter it was not possible to bring out any publications owing to paper scarcity. Some research papers have now been taken up for publication. The Catalogus Catalogorum, Volume I consisting of the names and other details of important Sanskrit manuscripts available in different parts of India has been published. It contains very useful information for students of research. The volume costs Rs. 25/-.

MYSORE.

New Developments in the University :

The question of introducing an Honours Course in Home Science is under consideration of the University. B. Sc. Degrees in Textiles and in Agriculture were awarded for the first time in 1950.

New Colleges :

The D. Banumiah's College of Commerce, Mysore, and the St. Joseph College, Bangalore, were affiliated for the I. Com. course.

New Chairs or professorships and Visiting Lectureships and Studentships :

There is a proposal to institute a Chair for Indian Culture.

Under the Cultural Relations Programme the Government of India have deputed Miss Odetta Roux, French Fellow Scholar, to this University for research and teaching work. The Scholar will stay in this University for a period of two years. The value of the Fellowship is fixed at Rs. 500/- p.m. to be equally shared between the Government of Mysore and the Government of India. Under the Government of India's General Cultural Scholarship Scheme, Miss W. V. D. Karunaratne of Ceylon has been admitted to the Post-Graduate Honours course in Sanskrit.

Sports :

The activities of the Mysore University during the year 1949-50 in the Inter-University competitions constitute a record for Mysore. This University for the first time won the Foot-ball championship at Madras. Those who participated in the Tournament were awarded Gold Centred Medals by the University as a token of recognition. The performance of the athletes in Ceylon was also impressive. Lakshmana Rao not only won the 1,500 meter and 5000 meter races but also established a new Inter-University record for both the events. Robert won the first place in the Hammer throw. Ganeshan secured a place in the Hop Step and Jump. The Cricket XI came upto the semi-final of the South Zone.

In Hockey played at Hyderabad the Mysore team was beaten by the Madras team in a closely fought out game. In Basket-Ball Mysore was beaten just by one point in a thrilling final.

The University of Mysore conducted the South Zone Badminton Championship and also the All-India Wrestling Competition.

In the Wrestling Tournament held at Bangalore, Mysore's representative, Swami, was runner-up in his weight class.

The Cadet corps :

In addition to the 1st Mysore Battalion National Cadet Corps, 9th Engineering Platoon, N. C. C. was started in the College of Engineering, Bangalore. Five of the N. C. C. Officers were deputed to undergo refresher training.

Additions to buildings and equipment :

Additional buildings for the Medical College are under construction. Construction of a Natural Science Block for the Central College, Bangalore is in progress.

The Rockefeller Foundation of New York have made a grant of a sum of \$ 2,000,00 for purchase of Microspectrometric equipment for research in the Department of Zoology. The University of Mysore is making an equal contribution for the purpose.

NAGPUR

Among the special features of the activities of the University during the year 1949-50 the following may be mentioned, viz:—

1. *Development of Laxminarayan Institute of Technology:*

The protracted discussion between the University and the Government of India with regard to the terms for payment of a grant by the Government for non-recurring expenditure for development of the Laxminarayan Institute of Technology concluded during the year and a grant of Rs. 8,58,000/- with a loan of Rs 2,07,000/- has now been sanctioned on the condition *inter alia* that 30 per cent of the students of the Institute will be selected from other Provinces of India.

The B. Sc. (Tech.) course will now be open to the Intermediates in Science and will extend over a period of 4 years with specialization in Chemical Engineering, Oil Technology and Fuel Technology. A German scientist Dr. H. G. Kayser, formerly a Professor in the Technical University of Berlin has been appointed to be Director of the Institute from 30th January, 1950.

2. *Hindi and Marathi Media:*

The most important academic event in the University during the year was the actual commencement of teaching on a compulsory basis in the first year of the Intermediate Arts course through Hindi and Marathi media (instead of English) from June, 1949. The text-books in Hindi and Marathi prepared under the authority of the Government of the Madhya Pradesh and the editorship of Dr. Raghu Vira have been approved for use as recommended text-books for the Intermediate Science course. The University is publishing Hindi and Marathi text-books in Mathematics, Physics, Chemistry, Botany and Zoology, with the aid of a special grant of Rs. 1,30,000/- together with a loan of Rs. 30,000/- from the State Government. These books are now in use for the Intermediate Science course for the examination to be held in 1952. Schemes for the preparation of B.A. and B. Sc. text books on similar lines are also engaging the attention of the University and the State Government.

3. *The University Department of Bio-Chemistry:*

The University Department of Bio-Chemistry which is mainly a research department, received from the Government of India a non-recurring grant of Rs. 1,00,000/- and a recurring grant of Rs. 5,750/- calculated for the last quarter of the year. It is expected that the recurring grant of the department will be continued. The department is at present engaged mainly on investigations into the real cause of Diabetes.

4. *The University Department of Public Administration and Local Self-Government :*

A Department of Studies in Public Administration and Local Self-Government has been established in the University with the aid of a grant from the State Government. It was further decided to expand the activities of the department and an M. A. course in Public Administration with specialisation in Local Self-Government has, besides a Diploma Course in Local Self-Government, been established from the academic year 1951-52.

5. *Chair in Ayurveda :*

The University has accepted the offer of the Indian Pharmaceutical Association, Bombay, for payment of a monthly donation of Rs. 900/- for five years for maintenance of a University Chair in Ayurveda with a view to promoting a scientific study of Ayurvedic medicines. It is proposed that the work of this new department be carried on in collaboration with such institutions as the Medical College, Nagpur, the University Department of Bio-Chemistry and the newly established Samanvaya Rugnalaya, Nagpur. Appointment to the Professorship in Ayurveda will be made shortly.

6. *Inspection of Medical College by Indian Medical Council:*

The Medical College, Nagpur, was inspected in March, 1950, by inspectors deputed by the Medical Council of India, and the report is engaging the attention of the Medical Council, the University and the State Government. The report is generally favourable, but important conditions for improvements in respect of staff, equipment and clinical facilities have been attached.

7. *Supplementary Examinations :*

Supplementary Examinations were instituted during the year and were held in September-October in 1949 for the first time. These will now be continued in future.

8. *Distinguished Visitors :*

The year was marked by a series of visits of distinguished foreign visitors to the University. These included Shri Claude Journot (Joint Cultural Admist. French Embassy in India), Shri Peter Koinage (a leader of the South African Community in East Africa), Dr. Carsung Change Founder-President of the Democratic Socialist Party, China, Dr. L. Ch. Brumpt (Professor Agregé in the Faculty of Medicine, Paris), Dr. Werner Zimmermann (Swiss Author), Shri Godwin Lewanika (President of the African Congress of Northern Rhodesia) and Prof. Saeed Naficy (University of Teheran, Persia). The most remarkable function of the year, was the annual Convocation which, in the midst of the largest assembly gathered in the history of the University, was addressed by Shri Jawaharlal Nehru soon after his return from America.

9. *Lectures:*

Dr. Kali Kinkar Datta of the University of Patna delivered in January and February 1950, lectures on the Dawn of Renascent India under the Mahadeo Hari Wathodkar Memorial Lecture Series. These lectures have been published by the University.

10. *Sports:*

As usual, the University participated in the Sports Tournaments organised by the Inter-University Board, India, viz. Cricket, Hockey, Foot-ball and Tennis. Extensive opportunities for improving the standard of their game were also offered to our students by their participation in the various Provincial Tournaments besides the Inter-Collegiate and Inter-University Tournaments. Four University students were included in H. E. the Governor's XI (Provincial Cricket Team) which played against the Commonwealth Cricket Team at Nagpur in January, 1950. The University students also participated in a number of Hu-tu-tu and Kho-kho matches, their game in the Exhibition Matches in Kho-kho organised by the City Gymkhana, Nagpur, during the Physical Education Week in December, 1949, having attained a gratifying standard.

11. *Compulsory Physical Training for Women Students:*

With effect from the academic year 1951-52, the University has made physical training for women under-graduates compulsory and colleges have been informed that they should arrange for appointment of qualified women physical instructors for the purpose accordingly.

OSMANIA

1. The University was founded by a Charter of the Nizam in 1918. The charter was revised in 1947, in the direction of making the University an autonomous body. It has ten Faculties, namely, Arts, Science, Medicine, Engineering, Agriculture, Veterinary Science, Education, Commerce, Law and Religion and Culture.

2. Each Faculty has a separate College of its own except Commerce, Law, Religion and Culture which are housed in the Arts College. In addition there are two 1st grade Colleges in Arts and Science. One of these is a co-educational institution teaching through the medium of English (Nizam College) and the other is a Women's College, teaching through the medium of Hindustani and English.

3. There are seven Intermediate Colleges in addition to the Intermediate classes in the Nizam College, Women's College and the Faculty of Science in the University. One of these is the Mahboob College, Secunderabad, with English as the medium of instruction. Three Intermediate Colleges are situated in the districts, one each in the three linguistic areas of the State.

During the year under review the total number of students on the rolls of the University was 7718, out of which 807 were women students. The total expenditure on University Education amounted to H. S. Rs. 68,03,959/-.

The total number of candidates who passed the various Examinations of the University was 1845.

4. Till recently, the Osmania University was a teaching and residential University. It has now been changed into an affiliating University as well.

Osmania University is completely run with State funds. Nevertheless it enjoys a substantial degree of autonomy both administrative and financial. The latest proposals envisage the complete separation of University service from Government service which would make the autonomy even more complete.

5. An important event during the year was the announcement made by the Vice-Chancellor on behalf of the University that the ultimate objective of the University was to adopt Hindi, the official language of India, as the medium of instruction. This announcement was made on the occasion of the visit of His Excellency Shri C. Rajagopalachari, Governor General of India, on 22nd December, 1949. At present, the medium of instruction in all the Faculties is Hindustani except in the Professional Faculties, where English is the medium. Both the Devanagari and Urdu scripts are recognised.

6. On 1st December 1949, a special convocation was held to confer the Honorary Degree of LL.D. on Major General J. N. Chaudhari, the out-going Chancellor of the University and Military Governor of Hyderabad. The creation of a University Service, separate from Government Service, was announced. This measure marks a further step in the progress of University autonomy.

In order to associate public men and women with the governing bodies of the University, the Revised Charter was amended so as to include in the Senate elected representatives of the Chamber of Commerce, the Legislative Assembly, the Municipal Corporations of Hyderabad and Secunderabad and the Readers and Lecturers of the University besides 10 representatives of the public nominated by Government, including at least 2 women. The University Council, the highest executive authority of the University, now includes 4 elected members while the number of ex officio members has been reduced to 3.

7. During the year the various bodies of the University were busy considering the Report of the University Education Commission and its recommendations. A large measure of agreement has been expressed with the recommendations of the Commission.

8. An arrangement has been reached with Government that so long as the Medical Faculty has no Hospital of its own, one wing each of the Medical, Surgical and Gyneaeological wards of the City Hospital belonging to the State should be handed over to the Professors of those subjects and full-time Professors (in place of part-time arrangements now existing) are to be appointed.

9. Some of the recent changes made in the University include the substitution of the Faculty of Theology by the Faculty of Religion and Culture. Compulsory Theology and Ethics have been substituted by Regional or Allied Classical Languages and by a "core course" on the American Model comprising the History of Civilization for students of Science and a Survey of General Science for the students of Arts.

10. For the benefit of those employed in offices and elsewhere, special evening classes have been opened, for the present, for the junior Intermediate, junior B. A. and junior B. Com. which are proving very popular, there being nearly 2,000 students on the rolls.

11. To help deserving poor students to pay their way through the University there is provision for temporary employment in the establishment during the vacation. At present there are about a dozen postgraduate students doing part-time work in the University Library. It is planned to extend the scheme to other Government Departments and Commercial firms where such students can earn and learn work which will help to give a practical bias to their studies.

12. Some of the distinguished persons who visited the University during the year and addressed the students are noted below :—

Shri Shaikh Abdullah, Prime Minister of Kashmir; Shri M. Vishvesraya; Dr. Carsun Chang; Prof. Ashby, Oxford University; Prof. K. T. Shah; Dr. V. K. R. V. Rao, Delhi University; Prof. Peter Koinange; Prof. J. D. Bernal F. R. S.; Prof. Marshal H. Stone, Chicago University; Prof. Syed Nafey, Tehran University; Mr. Neville Barbour, B. B. C. London; Prof. O. E. H. Rydbeck, Gothenburg, Sweden; Prof. Liang Cheo Cha, Kunming Teachers' College, China; Mr. Jagpravesh Chandra, Organiser, Great National Campaign.

PANJAB

1. The University is now called Panjab University instead of East Panjab University.

2. The Vice-Chancellor of the University is Dewan Anand Kumar, M.A. (Cantab), and the Registrar, Dr. Bhupal Singh, M. A., D. Litt.

3. Pending the construction of the Provincial Capital, the Headquarter offices continue to remain in Solan (Simla Hills), and the teaching departments continue to be scattered in different towns of the Province. Steps have been taken to strengthen the teaching departments. A number of University Professors, Readers and Lecturers are expected to be appointed before the end of the year. The life of the Camp College at Delhi for displaced students has been extended upto 1955 and admissions to this College have been restricted to employed persons only.

4. The nominated Syndicate and Senate have been replaced by duly elected bodies as provided in the Panjab University Act and Regulations thereunder.

5. The scheme of extension lectures by eminent educationists has been revived.

6. The University holds examinations in the following Faculties :—

- | | |
|--------------|-----------------|
| 1. Arts | 2. Science |
| 3. Oriental | 4. Law |
| 5. Commerce | 6. Agriculture |
| 7. Medicine | 8. Veterinary |
| 8. Education | 10. Engineering |

7. The following examinations have been recently instituted :—

1. M.A. in Hindi
2. M.A. in Panjabi
3. Diploma in Tuberculosis Diseases.

8. Hindi and Panjabi as regular subjects have been introduced at the following examinations :—

1. Intermediate Arts.

As an alternative to classical Language for candidates who did not pass the Matric Examination with a Classical Language.

2. B.A.

As elective subjects.

3. M.A.

9. Displaced students from West Punjab have been permitted to appear at the Intermediate, B.A., B.Sc., M. A. Examinations as private candidates upto 1955. This concession is also being extended to such displaced students from Sindh as have settled down in the Panjab, Patiala and East Panjab States, and Himachal Pradesh.

10. The Intermediate and M.A. Examinations also are now held twice a year in April and September.

11. The Second Convocation of the University was held at Ambala on January 28, 1950. Dr. Amar Nath Jha, Chairman of the Uttar Pradesh Public Service Commission, addressed the Convocation.

PATNA

The following noteworthy changes occurred in the personnel of the University:

1. Under section 7 class II of the Act, the following persons have been appointed Fellows for Life:—

(i) His Excellency Sir Chandresvar Prasad Narayan Singh.

(ii) Shri Krishna Vallabh Prasad Narayan Singh of Ramibigha.

Research Publications :

The following is the report of the Patna University Research Scholarships of the value of Rs 150/- each. The scholarship is ordinarily tenable for a period of 2 years from the date of the award of the scholarship.

At present out of these 15 (fifteen) scholarships in all, 3 scholarships have been devoted to Chemistry, 1 to Physics, 3 to Mathematics, 1 to Medicine, 1 to History (Ancient History and Culture), 1 to Economics, 1 to Oriental Language, 1 to Philosophy and 1 to Psychology. One scholarship in Public Administration and 1 in Commerce are being contemplated to be awarded to suitable candidates. The scholarships are open only to 1st and 2nd class M. As.

Fellowships :

There are 3 fellowships—1 Senior and 2 Junior.

The scale of the Senior Fellowship is 500-20/750. This has been awarded to Dr. Subhadra Jha, D. Litt. The scale of the Junior Fellowship is 300-20-500. These are held by Sri Narmadeswar Prasad, M. A. (Pat.), M. A. (Columbia), and Sri Durganand Sinha, M. A. (Pat.), M. Sc. (Cambridge). The subject of research of the former is (1) Group Tension and (2) Social and Cultural Life and Adivasis, and that of the latter is (1) Influence or degrees of success and failure on learning and recall of subsequent tasks. (2) A study of Level of Aspiration of Indian students and a comparative study with American students.

Teaching in the various subjects :

1. Politics for the M. A. degree. The teaching of the subject has been started in the year 1948. The Head of the Department is Dr. P. S Mohar, M. A, Ph. D. (Harvard). In the session 1950-51 there are 83 students in Part I and 30 students in Part II.

2. Statistics for the M. A. or M. Sc. degree. In 1948-49, Statistics was taught for the diploma course only but from the session 1949-50, it is being taught up to the M. A. or M. Sc. degree. The head of the Department is Dr. Dip Narayan Lal, M. A., Ph. D. (Edin.). In 1950-51 there are 39 students in part I and 31 students in Part II.

3. Applied Psychology upto M. A. or M. Sc. degree. The head of the Department is Prof. H. P. Maiti, M. A. (Cal.). In the session 1950-51, there are 13 students in Part I and 15 students in Part II.

4. Geology up to the M. Sc. degree. The head of the Department is Rao Bahadur Dr. L. A. N. Iyer, M. A. (Madras), Ph. D. (Lond.), D. I. C. (Lond.) M. M. G. I. In 1950-51 there are 8 students in Part I and 9 students in Part II.

5. Ancient Indian History and Culture up to the M. A. degree. The head of the Department is Dr. A. S. Altekar, M. A. (Bom.), LL. B., D. Litt. (Banaras). In 1950-51 there are 7 students in Part I and 10 in Part.

6. Diploma course in Labour and Social welfare. The head of the Department is Sri Amritdhari Singh, M. A. (Pat.), M. S. Sc. (New York), M. A. (Illinois). At present there are 50 students.

7. Diploma in International Relations. The head of the Department is Dr. P. S. Muhar, M. A., Ph. D. (Harvard). At present there are 25 students. In this session Patna University has introduced teaching in Law also. The Head of the Department is Sri S. S. Alam, M. A., LL. B. (Cantab). There are at present about 200 students in Law Part I class.

POONA

1. The University since its inception took into its hands the Post-Intermediate and Postgraduate teaching and the experiment has proved successful. The University has appointed its own Professors for teaching and guiding research in Sanskrit, Marathi, Mathematics, Physics and Chemistry and Readers in Experimental Psychology, Politics, Geography and Zoology.

- (a) The Department of Experimental Psychology started functioning from 1st June 1950. The Reader has undertaken preliminary work of an organizational nature by building up a good collection of books and journals, preparing lists of apparatus and equipment, collecting psychological test materials, models and charts. He is at present engaged in framing the B. A. and M. A. courses in Experimental Psychology and is also working on some of his own research Projects.
- (b) The Chemical Laboratory of the University is housed in the Ranade Industrial & Economic Institute on Fergusson College Road and is being equipped with the necessary apparatus. Arrangements have been made to accommodate 24 students for research in Physical and Organic Chemistry. Weekly lectures have been arranged by distinguished scientists. Research work on the Structure of Organic Molecules, Potentiometric and Conductometric Titrations, Dielectric Constants and dipole moments and on the nature of the Chemical Bond have been carried out. A large number of papers were submitted to the Session of the Indian Science Congress at Bangalore.
- (c) Prof. V. V. Naralikar of the Banaras Hindu University and Dr. P.V. Sukhatme delivered lectures in Mathematics and Statistics. Prof. D. W. Kerkar was deputed as the representative of this University to the 16th Session of the Indian Mathematical Society held at Madras in December 1949.
- (d) Proposals for introducing courses of studies in Oriental Learning are being finalised. A Diploma course in Music has been drawn up. The courses will be finalised in the course of this year.

2. The Foreign Universities Information Bureau caters for well over 100 students each month. The office also gives information and advises students as regards Scholarships, Fellowships, careers and competitive examinations open to them both in India and abroad. The Library of the Bureau contains 3,000 Prospectuses and reference books. A Guide to overseas education and training has been published and lectures on this subject are being arranged at the Constituent Colleges from time to time.

3. The University participated for the first time in the Inter-University Football Tournament and was successful in the first two rounds. The University also participated in Swimming, Wrestling and other Inter-University Tournaments. Mr. P. G. Joshi, a student of this University was included in the All-India Cricket Eleven to meet the Commonwealth Cricket Eleven in the First Unofficial Test.

4. The University Library commenced functioning from November 1949 and since then has added about 16,000 volumes.

5. The University arranged a series of lectures on various subjects which were open to all. In the course of one year were arranged 21 lectures by eminent persons like Prof. Louis Renou, Dr. F. E. Zeuner, Prof. D. R. Gadgil, Mr. Peter Koinange, Dr. M. O. P. Iyengar, Dr. W. D. West, Dr. S. S. Joshi and Dr. Gardner Murphy.

6. The University has so far received from the public donations and gifts of the value of about Rs. 6,00,000/-.

RAJPUTANA

The academic year 1949-50 was the third year of the working of the University of Rajputana. The principal features may be summed up under the following heads:—

1. Research & Postgraduate Instruction, 2. Teaching, 3. Sports, 4. Extra-mural Service, 5. Miscellaneous.

1. Research & Postgraduate Instruction.

- (a) The University has now three Departments of its own doing postgraduate work.

The Department of Economics endowed by the Jaipur Government, which commenced work last year with one Reader and 2 Research students, has now started its M. A. (Previous) class. The staff is strengthened now by the appointment of one full-time Lecturer and another on a part-time basis. The number of Research students is 4. The number in the M. A. Previous class conducted by this Department is 13. Next year both the M. A. Previous and Final classes will be running.

- (b) The University Department of Indian Philosophy endowed by Seth Ram Krishna Dalmia commenced work on 15th July 1950, when Dr. P.T. Raju returned from U. S. A. and joined duty. The Department is located at Jodhpur. Three research students have been admitted.

- (c) The Department of Geology endowed by Shri G. D. Birla started work on the 1st of July 1950, when Dr. K. P. Rode, formerly of the Andhra and the Banaras Universities, joined duty as a Reader. Three students have been admitted for research. It is hoped that as in the case of Economics, the Departments of Philosophy & Geology also will take up M. A. teaching from next year.

The number of Research studentships, each of Rs. 125/- p. m. and tenable for two years, held by scholars during this year is 4 in the Economics Department, 2 in the Philosophy Department, 2 in the Geology Department and 6 in the affiliated Colleges.

The University has made a special provision of Rs. 5,000/- for the purchase of Law books for the use of students preparing for the LL. M. Degree.

2. Teaching.

- (a) Under the Faculty of Medicine, Pharmaceutical courses in I. Pharm. and B. Pharm. have been introduced and the Birla College at Pilani has been affiliated in these courses with effect from July 1950.

- (b) The University has at present courses in Mechanical & Electrical Engineering. Steps are being taken by the University to enable the Birla Engineering College at Pilani to start courses in Civil Engineering with effect from the next session i. e. July 1951.

3. *Sports.*

The basket-ball team of one of the Colleges affiliated to the University (Birla Engineering College) won the All-India Basket Ball Olympic Championship at Bombay. The Inter-College Sports & Tournaments were held in January 1950 under the auspices of the University on a zonal system and finals were played at a central place selected for the purpose (Pilani).

4. *Extra-mural Service.*

Some eleven extension lectures were delivered by the members of the University at different centres in Rajasthan. These are being published in English or Hindi or both, for the benefit of the general public outside the campus of the University. Under the auspices of the University public lectures were also delivered by distinguished persons e. g. Sir C. V. Raman, Mrs. Ruth C. Wright (Dean of Students, City College, New York), Mr. B. Z. Kaizer (Delegate to the Indo-American Conference, India), Prof. & Mrs. Hicks, Prof. Marshal H. Stone, Mr. O. C. Gangoly and Mr. Sisir Kumar Ghose.

5. *Miscellaneous.*

- (a) The number of High Schools recognised by this University is now 173 and that of affiliated colleges 31. The thirty-one Colleges comprise: one Medical College, one Agriculture College, one Engineering College, one 'Teachers' Training College, eight Postgraduate Colleges, ten Degree Colleges and nine Intermediate Colleges.
- (b) The Second Annual Convocation of the University was held on the 18th November, 1949. Sir C. V. Raman was the Guest of Honour and delivered the Convocation Address.
- (c) The option of answering question-papers in Hindi was extended during the last examinations to the 3rd Year students. In March-April 1951, the option will be exercised by students appearing for the B. A., B. Sc. & B. Com. Examinations.
- (d) The Syndicate have sanctioned non-recurring & recurring grants for providing facilities to the University staff for games and recreation.
- (e) To follow in some measure the lead given by the Cabinet Ministers at the Centre, the Vice-Chancellor decided to effect a cut of five per cent in his salary with effect from the 1st of October, 1949.

ROORKEE

The nucleus of the present University inaugurated formally on November 25, 1949 was a small Civil Engineering College started on October 19, 1847, with Lt. Robert Maclagan as first Principal, as a result of the efforts of Col. Sir Proby Cautley, the famous designer and builder of the Ganga Canal. The University of Roorkee, the first University in India to be devoted to the engineering and allied subjects has plans of expansion to cover instructions in all branches of Engineering, to carry on research, both fundamental and applied and in liaison with two other research centres in its vicinity such as the Building Research Unit of the Government of India and the Irrigation Research Station of the State of Uttar Pradesh it hopes, under the guidance of its first Vice-Chancellor, Dr. C. A. Hart, former Professor of Civil Engineering (Survey & Photogrammetry) at University College London, to develop the University of Roorkee into a centre with a widely recognised reputation for Engineering Training and Research.

Administration:

The University authorities are the Senate and the Syndicate. Some members of these bodies are ex-officio, others elected or nominated.

Calendar: Academic year October 15—July 15. Applications must be received not later than March 31; entrance Examination held in May.

Housing: University operates residence Halls for students of all classes and years, Common Mess maintained. Cost of board and lodging averages as under:—

Engineer students—Rs. 1350-1800 for an academic year.

Overseer and Draftsman students—Rs. 540/- Rs. 720/- for an academic year.

Admission requirements: By a competitive entrance examination held in May Examination conducted by Registrar. Intermediate Examination with Physics, Chemistry and Mathematics, and age 17 years minimum for Engineer classes with restriction for those over 21 years. High School Examination or equivalent and age 16-25 years with restriction for those over for Overseer and Draftsman classes.

Language of Instruction: English.

Organisation and Staff: University organised into 5 Departments; Civil Engineering, Electrical Engineering, Mechanical Engineering and Overseer and Draftsman section.

Total Staff: 35

Fees: Tuition Rs. 24/- for Engineer classes, Rs. 6/- for Overseer and Draftsman classes. Entrance Examination : Rs. 20/- for Engineer classes, Rs. 10/- for Overseer and Draftsman classes.

Enrolment (October 1950):

Total 60 students in Engineering Classes and 100 students in Overseer and Draftsman classes.

Degrees and Certificates :—

Bachelor of Engineering, Civil, Electrical and Mechanical conferred after 3 years course. Certificate Higher Secondary as Overseer and Draftsman after a 2-years course.

Degrees Conferred :

At the first Annual Convocation on November 25, 1949.

Civil Engineering Batch—41.

1949 Civil Engineering—29

Electrical Engineering—18

Mechanical Engineering—12

At the Second Annual Convocation on November 25, 1950.

1950 Civil Engineering—32.

Electrical Engineering—13

Mechanical Engineering—11.

Certificates awarded :

1948—Overseer and Draftsman—87

1949—Overseer and Draftsman—79

1950—Overseer and Draftsman—86

Student Aid :

For Civil, Electrical and Mechanical Engineer classes, 36 scholarships of Rs. 50 per month for each class tenable for nine months, of which 3 (1 in each year) reserved for students from scheduled castes. For overseer class, 32 scholarships of Rs. 25 per month of which 4 in each of the 2 years reserved for scheduled castes. For Draftsman class not yet fixed.

Library :

Exceeds 46,000 volumes. 140 current journals and periodicals.

Mineralogical Museum : contains several thousand specimens of minerals, fossils, building stones etc.

Model Room :

Containing about 1000 models, some of very large size, illustrating Civil and Mechanical Engineering, Irrigation Works, Reinforced Concrete, Steel Structures, etc.

Press and Observatory :

A Photo-Litho Printing Press of the State of Uttar Pradesh is located in the campus for the work of the University. The Meteorological Department of the Government of India have also a second class Observatory under the charge of the University.

Research Facilities :

Well Equipped Hydraulics, Soil Engineering, Reinforced, Structural Engineering, Heat Engines, Internal Combustion Engines, Testing of Materials, Refrigeration, Hydraulic Machine, Advanced Electrical Technology, Communication, Electrical Measurements Laboratories, Workshops etc. are available.

*Foreign Students :—Total 1**University Campus :*

Covers an area of 365 acres comprising of the main building, the subsidiary building, residential buildings for staff and students, extensive play grounds, gardens and pasture lands.

Appointments and Information Bureaux :

Have been lately set up for the benefit of students and others. The Bureaux keep the past students informed of vacancies after graduation.

National Cadet Corps Organisation :

Supervises the Military training of the First Year and Second Year Engineering students while the Overseer and Draftsman class students perform physical drill.

Other facilities :

The University has (1) The Consumers' Cooperative Stores, (2) Dairy, (3) Bakery and Confectionary shops, (4) Aerated Soda Water Factory, (5) Tailor's shop, (6) Boot Maker's shop, etc.

Thomsonian's Society :

It is run by the students and in its meetings students read and discuss articles on technical and allied subjects. Lectures by outside persons are also arranged on varied subjects.

Publications :

Calendar, Prospectuses and 'Lion Students' Magazine'.

Chief Administration Officers : (1950) :

Vice-Chancellor-Dr. C. A. Hart, T. D., D. Sc. (Eng.), Ph. D., M. I. C. E.,
F. R. I. C. S., A. M. I. Struct. E.,

Registrar : Sri K. K. Sukhia, M. A. LL.B., L.T.

TRAVANCORE

Dr. H. C. Papworth proceeded on leave preparatory to retirement from service with effect from 1st September 1949. Under Section II of Act I of 1113 (University Act), His Highness the Chancellor has been pleased to appoint Sri V. K. Nandan Menon, M. A. (Oxon.) as Vice-Chancellor.

Her Highness Maharani Setu Parvati Bai of Travancore resigned Her Highness's Office as Pro-Chancellor of the University of Travancore.

Academic Developments.

1. The Senate at its meetings held on 6th August 1949, 13th March 1950, and 24 June 1950 has instituted

- (i) A Diploma Course in French.
- (ii) Vidvan Title in Hindi.
- (iii) The Degrees of Master of Education (M. Ed.) and Doctor of Philosophy (Ph. D.) in the Faculty of Education.
- (iv) M. Litt. Degree in Faculties of Arts and Oriental Studies and Fine Arts.

2. Three new faculties—Faculty of Commerce, Faculty of Ayurveda and Faculty of Medicine—were constituted in addition to three new boards—Boards of Studies in Economics, Commerce and Music.

3. The Government appointed a special committee to enquire into the position of Sanskrit education in the State and formulate proposals for the reorganisation of Sanskrit studies. The Committee submitted its report to the Government who have approved the main academic recommendations of the Committee in the form proposed by the Syndicate. The Senate has since instituted a two year Entrance Course in Sanskrit to prepare holders of the Sastri Certificate for admission to the Intermediate Class and a two year course for holders of the Mahopadhyaya Title to enable them to take the Degree examination in Sanskrit. The Entrance class was started in the Sanskrit College during the last academic year and the Post-Mahopadhyaya Degree class during this year.

4. On the recommendation of the Faculty of Oriental Studies and Fine Arts, the Senate instituted the Post-Sahitya Visarada Degree Course in the University to enable candidates who have taken the Sahitya Visarada Title of this University to appear for the Degree examination in Malayalam.

5. The creation of two Professorships, one each in Malayalam and Sanskrit.

Colleges.

Consequent on the integration of the two States of Travancore and Cochin, the Maharaja's College, Ernakulam and the Government College, Chittoor, were admitted to the privileges of the University during last year and permission was granted by the Syndicate to start in the Junior Classes the courses of study in which they were affiliated to the University of Madras. The affiliation was continued during the year.

The Maharaja's Technological Institute, Trichur, admitted to the privileges of the University from the beginning of the last academic year was transferred to the administrative control of the University. From the commencement of this academic year, the 1st Year Diploma Class of the College of Engineering, Trivandrum, has been transferred to the Maharaja's Technological Institute, Trichur, which is treated as the Diploma Section of the College of Engineering. Consequent on the transfer of the Diploma classes to the Maharaja's Technological Institute, Trichur, and the increasing demand for qualified engineers, the strength of the degree class in Engineering has been raised from 50 to 100 during the current year.

The starting of the N.S.S. College at Pandalam under the management of the Nair Service Society and the St. Thomas College at Palai under the management of Rev. Fr. Emanuel Mecheri Kunnel is an important event worthy of record during the year. Junior Intermediate classes have been opened in these institutions this year. Higher classes will be started in the following years.

The managements of the Scott Christian College, Nagercoil, and the C. M. S. College, Kottayam, applied for permission to raise their colleges to the Degree standard from the beginning of the current academic year. On the recommendation of the Inspection Commission which visited the Colleges permission was granted to start Junior B. A. (History and Economics) and Junior B. Sc. (Mathematics) classes in the two Colleges.

Permission was granted to the management of the Sanatana Dharma College, Alleppey, for shifting the college from the temporary buildings to the New College buildings at Sanatanapuram and for starting the Intermediate and B. Com. classes.

Permission was granted to the St. Berchman's College, Changanacherry, to admit a fresh batch of students in Physics, Botany and Zoology for the B. Sc. Course and to open a Women's division in the Intermediate class.

Coming to the colleges maintained by the University one of the important developments during the current academic year is the starting of the M. Sc. class in Zoology in University College, Trivandrum. The question of raising the College for Women to the Degree standard had been under the serious consideration of the University for the last two years and from the beginning of the

current academic year the institution was raised to the First Grade, and junior B. A. classes with History and Economics and Music started there. The hostel in the College premises was shifted and the entire building placed at the disposal of the College for starting the Degree classes. Construction of buildings to provide additional accommodation has been commenced.

With the admission of new colleges to the privileges of the University and the starting of new classes in the existing colleges there has been an unprecedented increase in the total number of students on the rolls of the University. The total number of students admitted to the junior Intermediate class and junior B. A./B.Sc class in the University at the beginning of the current academic year was 7,699 as against 6,256 in June 1949. To meet the increasing demand for trained teachers, the strength of the B. T. class was raised to 200 during the year. For the benefit of students of the University, the Syndicate has approved the scheme for starting a dispensary in the University Union buildings. The scheme will begin to work shortly. The Syndicate is taking steps for the starting of a University Journal.

The Senior Division of the National Cadet Corps raised in the University worked satisfactorily during the year. The Department of Physical Education continued to organize athletics, games, tournaments, etc. for the benefit of students.

The activities of the Central Research Institute have been enlarged to provide new services to Government and to the public. Post-graduate instruction in Statistics, Statistical surveys and analysis, study of Ayurvedic drugs and other indigenous drug sources, study of Travancore's Mineral Resources, a Geological Survey and Mapping of the State and the training of a large number of research students were continued during the year. Besides the routine work a large volume of research of direct economic value has been carried out. Studies in Shark Liver Oil Technology, breeding of superior varieties of tapioca are a few of the investigations which yielded fruitful results. The Shark Liver Oil Factory worked satisfactorily and the Aquarium continued to be a popular centre of attraction throughout the year. The administrative control of the Natural History Museum was taken back by Government.

Besides the preparation of various vaccines and carrying out of different tests the Public Health Laboratory also rendered the usual routine services required for the Public Health and Medical Departments of the State. The preparation of a Pharmacognosy of Ayurvedic drugs made substantial progress during the year.

The Government of India as part of their Technical Training Scheme allotted to this University three Senior Scholarships of Rupees two hundred per mensem and seven Junior Scholarships of Rupees one hundred per mensem for award to research students. The awards were made by the Syndicate. Special Scholarships of Rs. 125/- per mensem were also awarded during the year.

UTKAL

1. The University decided to introduce the following developments in the Courses of Studies :

- (i) Diploma Course in Foreign Affairs.
- (ii) Sociology & Anthropology as elective subjects at the B.A. stage.
- (iii) Geography as a Science subject.
- (iv) Military Education as an optional or additional subject at the Intermediate and Degree stages.
- (v) M.A. Examination in History.
- (iv) M.Sc. Examination in Physics.

2. Further affiliation was granted to the following colleges in the subjects mentioned against each :—

(a)	Ravenshaw College, Cuttack	Physiology	—	I.Sc.
(b)	Samanta Chandra Sekhar College, Puri	Oriya Honours	—	B.A.
(c)	Fakir Mohan College, Balasore		do	do	
(d)	Rajendra College, Bolangir	Oriya Honours	}	B.A.
			Economics do		
			Physics	}	I.Sc.
			Chemistry		
			Mathematics		
			B.Com. Courses.		
(e)	Maharaja Purna Chandra College, Baripada	English	}	B.A. (Pass).
			Economics		
			Philosophy		
			Mathematics		
			History		
			Sanskrit		
			Oriya		

3. Strength in Colleges : The total number of students in colleges in Arts, Science and Commerce (14 in number) is 5901 including 319 women students.

Professional Colleges

- (a) Madhusudan Law College of the Utkal University :

This college functioned satisfactorily with a whole-time Professor and 3 part-time Lecturers.

During the academic sessions 1948-49 & 1949-50 the number of students on the rolls was as follows :

	Law Part I	....	Law Part II
1948-49	105		72
1949-50	243		101

(b) Sri Rama Chandra Bhanj Medical College, Cuttack :

This college teaches up to the M.B.B.S. standard, the total number of students in 1949-50 was 211 including 29 women students.

(c) Radhanath Training College, Cuttack, prepares students for Diploma in Education Examination.

The number of students in 1949-50 was 46 including 8 women students.

(d) The Teaching Department of French, German & Spanish worked as usual with one whole-time Lecturer and one part-time Lecturer. The number of students was 17.

4. *The University Press*: His Highness the Maharaja of Mayurbhanj made a gift of the State Press at Baripada together with the building to the Utkal University. The University named the Press "The Maharaja Sri Rama Chandra Utkal University Press" which continued to work at Baripada.

In March, 1950, the University purchased a piece of land measuring $8\frac{1}{2}$ acres on the bank of the Kathjuri River situated at the western extremity of the Cuttack town, and after remodelling the existing buildings there and constructing some new buildings, brought down the Press from Baripada and installed the same in the new buildings where it is now working well.

5. The work of the Students' Information Bureau of the Utkal University has been going on smoothly under the Secretaryship of Dr. S. Misra, M.A., Ph.D., Professor of Economics, Ravenshaw College.

6. The University held its Sixth Annual Convocation in December, 1949 and Dr. Pattabhi Sitaramayya, the President of the Indian National Congress for the year 1949 addressed the Graduates of the University on the occasion.

7. To confer Honorary Degrees on some eminent persons in India, the University held a Special Convocation on the 11th January, 1950. Honorary Degrees were conferred on the following persons :—

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| (a) Pandit Jawaharlal Nehru, Prime Minister of India | LL.D. |
| (b) Sardar Vallabhbhai Patel, Deputy Prime Minister | LL.D. |

- (c) Moulana Abul Kalam Azad, Education Minister D. Litt.
- (d) Sir A. L. Mudaliar, Vice Chancellor, Madras University D.Sc.
- (e) Flt. Lt. Maharaja Sir P. C. Bhanj Deo of Mayurbhanj, Pro-Chancellor, Utkal University LL.D.
- (f) Sahitya Samrat Maharaja Sri Sri Vikram Deo Varma of Jeypore D. Litt.
- (g) Dr. P. Parija, O.B.E., D.Sc., M.A. (Camb), Pro-Vice-Chancellor, Banaras Hindu University and Ex-Vice Chancellor, Utkal University D.Sc.

Moulana A. K. Azad, Flt. Lt. Maharaja Sir P. C. Bhanj Deo, Sahitya Samrat Maharaja Sri Sri Vikram Deo Varma and Dr. P. Parija took the degrees in person ; degrees were conferred on the others in absentia.
